

Al-Bara' Al-Nsour Resume

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EDUCATION

Carnegie Mellon University
Bachelor of Science in Computer Science

June 2030

WORK EXPERIENCE

Pharmaceutical Research Intern, Aurum Biotech, Amman, Jordan

January 2025 – March 2025

- Learned the essential protocols for animal cell culture (maintaining cell cultures, cell thawing and freezing, Trypsinizing cells, counting cells, and viability staining)
- Learned how to extract protein from cancer cells using RIPA buffer
- Learned proper MTT assay techniques

Supermarket Clerk, Al-Shawareb Mart, Amman, Jordan

June 2024 – September 2024

- Worked full-time (42 hrs/week)
- Managed inventory, labeling, assisted customers, and bagged groceries
- Managed cashier operations

LEADERSHIP EXPERIENCE

Volunteer, Zaha Cultural Center & Raneen Initiative

September 2023 – Present

- Achieved 130 community service hours serving low-income children and producing audio books for the visually impaired

Deputy Secretary General, Jubilee Council of Foreign Affairs, Independent event

September 2025 – March 2026

- Organized a 2-day conference simulating think tanks
- Collaborate with team of 5 officers to organize community service and fundraising events

Media Advisor, Athena Model United Nations

November 2025 – April 2026

- Supervised and advised media team on photography and social media marketing and presence events

Research

In Silico Design and Structural Characterization of a Bispecific TanCAR Targeting IL-13R α 2 and PD-L1 for Glioblastoma Therapy | AlphaFold2, ChimeraX, PyDockWeb | Research Scholar - Lumiere Education

- Computationally designed a bispecific CAR-T construct targeting IL-13R α 2 and PD-L1
- Performed docking simulations and AlphaFold modeling to validate binding and structure
- Achieved >70 confidence across structured regions of the complete construct
- Manuscript prepared for submission
- Abstract: <https://bit.ly/tan-car>

Envisioning the Perception and Attitude of Jordanian Pharmacists Toward Smart City Technology | Co-Author | Applied Science Private University

- Analyzed perceptions of 523 Jordanian pharmacists on the implementation of smart-city healthcare systems in Jordan
- Presented at the International Conference of Integrative Approaches to Pharmacy 2024
- Manuscript currently under peer-review in Scopus journal
- Abstract: <https://bit.ly/Smart-City-Abstract>

EXTRACURRICULAR ACTIVITIES

Chicken Legs Club, General Executive

September 2013 – May 2014